

Application No. 09/883,364
Reply to Office Action of July 22, 2003
Docket No. 2002-1019

This listing of claims will replace all prior versions,
and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A driving belt for use in
a continuously variable transmission comprising two V-shaped
pulleys (2, 3), which driving belt (1) comprises:

a carrier consisting of two metallic endless band
packages (5, 6) lying side by side, on which stamped transverse
metal elements (4) are disposed freely moveable in a longitudinal
direction of the band,

wherein each transverse element (4) includes two
recesses (7, 8) positioned opposite each other for receiving the
band packages (5, 6), so that a first part (11) of the transverse
element (4) extends under said band packages (5, 6), a second
part (12) of the transverse element (4) is positioned between
said band packages (5, 6) and a third part (13) of the transverse
element (4) extends above said band packages (5, 6),

wherein the front side of the first part (11) of the
transverse element (4) includes a tilting line (18) extending in
a horizontal direction and forming a transition between a part of
the element at least including said third part (13) that has a
substantially constant thickness as seen in side elevation and a
further part of the element wherein said thickness tapers in a

Application No. 09/883,364
Reply to Office Action of July 22, 2003
Docket No. 2002-1019

downward direction away from the tilting line (18), and includes a stamped projection (14) which can mate with a stamped recess (15) in the adjacent transverse element (4) in a manner allowing free movement of adjacent elements in the longitudinal direction of the belt,

wherein said projection (14) and said recess (15) extend in a horizontal direction over the entire dimension of the second part (12),

wherein said projection (14) and said recess (15) are ~~at least partially~~ mainly formed in the second part of the transverse element (4), and

wherein said projection (14) is disposed some distance above the tilting line (18), which distance is smaller than the smallest vertical dimension (A) of the recess (7, 8).

Claim 2 (previously amended): A driving belt according to claim 1, characterised in that said projection (14) and said recess (15) are entirely located in the second part (12) of the transverse element (4).

Claim 3 (cancelled).

Claim 4 (cancelled).

Claim 5 (cancelled).

Application No. 09/883,364
Reply to Office Action of July 22, 2003
Docket No. 2002-1019

Claim 6 (currently amended): A driving belt according to claim 1, characterised in that a surface of the projection (14) ~~comprises~~^{comprises} a recessed part (16) and ~~[[of]]~~ the recess (15) comprises a projecting part (17), which recessed and project parts (16, 17) which extend at an angle to a horizontal line in the plane in which the band packages (5, 6) lie.

Claim 7 (cancelled).

Claim 8 (previously presented): A driving belt according to claim 1, characterised in that the transverse element (4) has been made from a strip of material by means of a cutting operation.

Claim 9 (previously presented): A driving belt according to claim 1, characterised in that edges of the transverse element (4) are deburred.

Claim 10 (previously presented): A metallic transverse element for use in a driving belt, comprising:

two recesses (7, 8) positioned opposite each other for receiving band packages (5, 6), so that a first part (11) of the transverse element (4) extends under said band packages (5, 6), a second part (12) of the transverse element (4) is positioned

Application No. 09/883,364
Reply to Office Action of July 22, 2003
Docket No. 2002-1019

between said band packages (5, 6) and a third part (13) of the transverse element (4) extends above said band packages (5, 6),

wherein the front side of the first part (11) of the transverse element (4) includes a tilting line (18) extending in a horizontal direction and forming a transition between a part of the element at least including said third part (13) that has a substantially constant thickness as seen in side elevation and a further part of the element wherein said thickness tapers in downward direction away from the tilting line (18), and includes a projection (14) which can mate with a recess (15) in the adjacent transverse element (4) in a manner allowing free movement of adjacent elements in a longitudinal direction of the belt,

wherein said projection (14) and said recess (15) extend in a horizontal direction over the entire dimension of the second part (12),

wherein said projection (14) and said recess (15) are at least partially formed in the second part of the transverse element (4),

wherein said projection (14) is disposed some distance above the tilting line (18), which distance is smaller than the smallest vertical dimension (A) of the recess (7, 8), and

the element is metallic.

Application No. 09/883,364
Reply to Office Action of July 22, 2003
Docket No. 2002-1019

Claim 11 (previously presented): A driving belt according to claim 1, characterised in that edges of the transverse element (4) are rounded.

Claim 12 (previously presented): A driving belt for use in a continuously variable transmission comprising two V-shaped pulleys (2, 3), said driving belt (1) comprising:

a carrier consisting of two metallic endless band packages (5, 6) lying side by side; and

transverse metal elements (4) disposed freely moveable in a longitudinal direction of the band, wherein,

each transverse element (4) includes two recesses (7, 8) positioned opposite each other for receiving the band packages (5, 6) with i) a first part (11) of the transverse element (4) extending under said band packages (5, 6), ii) a second part (12) of the transverse element (4) positioned between said band packages (5, 6) and iii) a third part (13) of the transverse element (4) extending above said band packages (5, 6),

a front side of the transverse element (4) includes a tilting line (18) extending in a horizontal direction and forming a transition between a part of the element at least including said third part (13) that has a substantially constant thickness as seen in side elevation and a further part of the element wherein said thickness tapers in a downward direction away from

Application No. 09/883,364
Reply to Office Action of July 22, 2003
Docket No. 2002-1019

the tilting line (18), and a projection (14) which can mate with a recess (15) in an adjacent transverse element (4) in a manner allowing free movement of adjacent elements in the longitudinal direction of the belt,

said projection (14) and said recess (15) extend in a horizontal direction over the entire dimension of the second part (12),

said projection (14) and said recess (15) are at least partially formed in the second part of the transverse element (4), and

said projection (14) is disposed some distance above the tilting line (18), which distance is smaller than the smallest vertical dimension (A) of the recess (7, 8).